CLAIMS

What is claimed is:

1. A seal assembly comprising:

a rotating portion comprising a running sleeve segment located generally parallel to an axis;

a fixed portion comprising a seal mounting segment generally transverse to the axis; and

a seal mounted to said seal mounting segment, said seal in contact with said running sleeve.

2. The seal assembly as recited in claim 1, wherein said rotating portion further comprises a slinger segment extending generally transverse the axis.

3. The seal assembly as recited in claim 2, wherein said slinger segment comprises a slinger segment end raked with a direction of airflow.

4. The seal assembly as recited in claim 2, wherein said slinger radially extends around said fixed portion.

5. The seal assembly as recited in claim 1, wherein said rotating portion further comprises an upper seal segment in contact with said seal.

6. The seal assembly as recited in claim 5, wherein said upper seal segment is U-shaped in cross-section.

7. The seal assembly as recited in claim 5, wherein said upper seal segment is generally parallel to said running sleeve segment.

8. The seal assembly as recited in claim 1, further comprising a resilient tubular seal located within said running sleeve segment.

9. The seal assembly as recited in claim 1, wherein said rotating portion comprises a metal stamping.

10. The seal assembly as recited in claim 1, wherein said fixed portion comprises a metal stamping.

11. A seal assembly comprising:

a rotating portion comprising a running sleeve segment located generally parallel to an axis, a slinger segment generally perpendicular to said running sleeve segment, and an upper seal segment;

a fixed portion comprising a press fit outer diameter generally parallel to the axis and a seal mounting segment generally transverse to the axis; and

a seal mounted to said seal mounting segment, said seal in contact with said running sleeve and said upper seal segment.

12. The seal assembly as recited in claim 11, wherein said slinger segment comprises a slinger segment end raked with a direction of airflow.

13. The seal assembly as recited in claim 11, further comprising a resilient tubular seal located within said running sleeve segment.